

RIPE Atlas CLI Tools

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Why use CLI?

- Fast to trigger queries
- Support for dns, http, ntp, ping, sslcert, traceroute etc
- Support for looking for looking up for probe ID based on certain criteria
- Support for looking for a specific probe information
- Option of autocomplete of commands <<< Super useful

Finding a probe

Let's find a probe in Vietnam and run tests from it

```
anurag@devops1:~$ ripe-atlas probe_search --country vn --status 1
```

Filters:

Status: 1

Country: VN

```
ID      Asn_v4 Asn_v6 Country Status
```

```
=====
```

20750	45903		vn	Connected
28801	18403		vn	Connected

```
=====
```

Showing 2 of 2 total probes

```
anurag@devops1:~$
```

Triggering trace from probe

```
anurag@devops1:~$ ripe-atlas measure traceroute --from-probes 20750 --target 8.8.8.8
```

Looking good! Your measurement was created and details about it can be found here:

<https://atlas.ripe.net/measurements/7841716/>

Connecting to stream...

Probe #20750

1	192.168.1.1	0.582 ms	0.438 ms	0.325 ms
2	192.168.0.1	7.326 ms	25.885 ms	8.108 ms
3	172.40.16.1	7.6 ms	19.185 ms	21.591 ms
4	172.20.56.222	24.649 ms	44.109 ms	15.303 ms
5	*	*	*	*
6	183.91.0.22	110.96 ms	40.229 ms	21.252 ms
7	101.99.0.33	15.418 ms	18.197 ms	14.643 ms
8	8.8.8.8	12.176 ms	6.618 ms	14.222 ms

Disconnecting from stream

How to get it?

- RIPE Atlas CLI Tools - <https://github.com/RIPE-NCC/ripe-atlas-tools>
- Bash autocomplete (*don't miss it!*) - <https://github.com/RIPE-NCC/ripe-atlas-tools/blob/master/ripe-atlas-bash-completion.sh>

Questions?

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